



ISOLUX Arsenic Removal Systems
 Attn: Water Treatment Engineering Lab
 9332 N 95th Way, Suite B 106
 Scottsdale, AZ 85258
 480-315-8430

In order to understand and discuss your application and Arsenic concerns, we need a clear picture of your water system and conditions. Please fill out the following form as completely as possible. If you have questions or need assistance, contact Technical Support at engineering@isolux-arsenicremoval.com. Analyses of these contaminants is essential in order for us to provide an estimate of media life. Note that some of these contaminants are not MCL parameters and may not be typically be analyzed in a compliance type water analysis. A specific analysis is required for the non-MCL parameters.

ISOLUX® WATER SAMPLE ANALYSIS REQUEST			
Date:		# of Wells:	
Name:		Max Design Flow (GPM):	
Title:		Average flow (GPM):	
Company / Utility:		Average Daily Usage (GPD):	
Phone:		Average Annual Usage (GPY):	
Email:		Total system pressure:	
Site or Well Location:	Address: City: ST: ZIP:	Existing pretreatment or disinfection:	
Type of System:	<i>(Schools, Single & Multi-unit wells, Utilities, Commercial & Industrial Facilities, etc.)</i>	# of Connections:	
Comments, goals, additional information:			

Required Drinking Water Sample Analysis Data

Sample Number:	
Water Sample Source:	
Date Sample was Taken:	

Parameter:	Unit:*	Test Result:	Value:
	<i>ppb =ug/L, ppm =mg/L</i>	<i>(Please use lowest feasible reporting limit)</i>	
As (Arsenic) **	ppb		
B (Boron)	ppb		
Ba (Barium)	ppb		
Ca (Calcium)	ppm		
Mg (Magnesium)	ppm		
Fe (Iron)	ppb		
Mn (Manganese)	ppb		
P (Phosphorus) **	ppb		<i>(Note: low reporting limit)</i>
SiO ₂ (Silica) **	ppm		
V (Vanadium) **	ppb		
HCO ₃ (Bicarbonate)	ppm		
pH at Well Head **	Units		
T-Alkalinity	ppm		
Hardness (as CaCO ₂) **	ppm		
Turbidity (Total Suspended Solids)	NTU or ppm		
TDS	ppm		
Conductivity	S/m		

* Reporting in mg/L is acceptable. We will convert to ug/L.

** This data (with two asterisks) is required in order to definitively estimate treatment system capital costs, media life, and operational costs. Our Performance Estimating Software will not run without this data.

However, some temporary assumptions for any required missing data in order to prepare a preliminary estimate of capital cost and operational costs. Other listed data without an asterisk is helpful but not initially required for definitive estimating purposes. Before performing the final treatment system design and proposal, a totally complete water analysis is required (no assumptions).